

		Results
9.	((pub-date > 1993 and FULL-TEXT(viscoelastic or foam or damping or damped) and TITLE-ABSTR-KEY(MRI or MR or NMR or magnetic resonance)) and gradient) and noise) and quiet or acoustic or sound or self-shielded [All Sources(- All Sciences -)]	87
8.	((pub-date > 1993 and FULL-TEXT(viscoelastic or foam or damping or damped) and TITLE-ABSTR-KEY(MRI or MR or NMR or magnetic resonance)) and gradient) and noise [All Sources(- All Sciences -)]	343
7.	(pub-date > 1993 and FULL-TEXT(viscoelastic or foam or damping or damped) and TITLE-ABSTR-KEY(MRI or MR or NMR or magnetic resonance)) and gradient [All Sources(- All Sciences -)]	753
6.	pub-date > 1993 and FULL-TEXT(viscoelastic or foam or damping or damped) and TITLE-ABSTR-KEY(MRI or MR or NMR or magnetic resonance) [All Sources(- All Sciences -)]	1520
5.	(pub-date > 1983 and TITLE-ABSTR-KEY(gradient or dampen or quiet or damped) and TITLE-ABSTR-KEY(coil or noise or soundproof###)) and magnetic resonance or MRI or NMR [All Sources(- All Sciences -)]	508
4.	pub-date > 1983 and TITLE-ABSTR-KEY(gradient or dampen or quiet or damped) and TITLE-ABSTR-KEY(coil or noise or soundproof###) [All Sources(- All Sciences -)]	1401
3.	pub-date > 1983 and FULL-TEXT((dampening or dampen or dampened)) and FULL-TEXT((magnetic resonance) or MRI or NMR) [All Sources(- All Sciences -)]	634
2.	pub-date > 1969 and FULL-TEXT(damped or dampening or dampened) and FULL-TEXT((Magnetic resonance) or MRI) [Journals(- All Sciences -)]	1313
1.	pub-date > 1969 and FULL-TEXT(Self-shielded) and FULL-TEXT((Magnetic resonance) or MRI) [Journals(- All Sciences -)]	94

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## WEST Search History





DATE: Thursday, September 09, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L35	L34 and (layer or film or insulat\$4 or sandwich\$4)	16
<input type="checkbox"/>	L34	L33 and (cylinder or tube or cylindrical\$2 or bore)	19
<input type="checkbox"/>	L33	L32 and (ceramic or glass or filament or carbon or fiber or fibrous or non-conduct\$4 or "non conduct\$4" or modulus)	19
<input type="checkbox"/>	L32	L31 and (viscoelastic or viscoelasti\$4 or rubber\$4 or polyester or urethane or foam or polymer)	24
<input type="checkbox"/>	L31	L30 and (((dampen\$4 or damp\$3) or ((reduc\$4 or block\$4 or decreas\$4 or lower\$3 or minimiz\$4) with (noise or sound or acoustic\$4))))	110
<input type="checkbox"/>	L30	L16 and ((inner or outer or inside or outside or internal\$2 or external\$2 or surface or first or second or primary or secondary) with (gradient) with (assembl\$4))	389
<input type="checkbox"/>	L29	L28 and (outer with inner with gradient)	19
<input type="checkbox"/>	L28	L27 and l22	45
<input type="checkbox"/>	L27	L26 or l25 or l24	13684
<input type="checkbox"/>	L26	335/296-301.ccls.	2728
<input type="checkbox"/>	L25	600/407-423.ccls.	4571
<input type="checkbox"/>	L24	324/300-322.ccls.	7758
<input type="checkbox"/>	L23	L22 and (viscoelastic or viscoelasti\$4)	12
<input type="checkbox"/>	L22	L21 and (layer or film or insulat\$4 or sandwich\$4)	96
<input type="checkbox"/>	L21	L20 and (cylinder or tube or cylindrical\$2 or bore)	111
<input type="checkbox"/>	L20	L19 and (ceramic or glass or filament or carbon or fiber or fibrous or non-conduct\$4 or "non conduct\$4" or modulus)	120
<input type="checkbox"/>	L19	L18 and (viscoelastic or viscoelasti\$4 or rubber\$4 or polyester or urethane or foam or polymer)	161
<input type="checkbox"/>	L18	L17 and (((dampen\$4 or damp\$3) or ((reduc\$4 or block\$4 or decreas\$4 or lower\$3 or minimiz\$4) with (noise or sound or acoustic\$4))))	708
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<input type="checkbox"/>	L16	L15 and ((inner or outer or inside or outside or internal\$2 or external\$2 or surface or first or second or primary or secondary) with (gradient))	5960
<input type="checkbox"/>	L15	L14 and (inner or outer or inside or outside or internal\$2 or external\$2 or surface)	28729
<input type="checkbox"/>	L14	L13 and (gradient)	38709
<input type="checkbox"/>	L13	((magnetic adj resonance) or MRI or NMR)	186830

<input type="checkbox"/>	L12	L10 and (gradient with coil)	5
<input type="checkbox"/>	L11	L10 and (gradient adj coil)	4
<input type="checkbox"/>	L10	L9 and (cylinder or tube or cylindrical\$2 or bore)	42
<input type="checkbox"/>	L9	L8 and (rubber or foam)	44
<input type="checkbox"/>	L8	L7 and (ceramic or glass or filament or carbon or fiber or fibrous or non-conduct\$4 or "non conduct\$4" or modulus)	47
<input type="checkbox"/>	L7	L6 and (inner or outer or inside or outside or internal\$2 or external\$2 or surface)	47
<input type="checkbox"/>	L6	L5 and (layer or film or insulat\$4 or sandwich\$4)	49
<input type="checkbox"/>	L5	L3 and ((dampen\$4 or damp\$3) or ((reduc\$4 or block\$4 or decreas\$4 or lower\$3 or minimiz\$4) with (noise or sound or acoustic\$4)))	51
<input type="checkbox"/>	L4	L3 and (dampen\$4 or ((reduc\$4 or block\$4 or decreas\$4 or lower\$3 or minimiz\$4) with (noise or sound oe acoustic\$4)))	24
<input type="checkbox"/>	L3	L2 and (gradient)	272
<input type="checkbox"/>	L2	L1 and ((magnetic adj resonance) or MRI or NMR)	895
<input type="checkbox"/>	L1	viscoelastic	16367

END OF SEARCH HISTORY

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
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Search Results - Record(s) 1 through 23 of 23 returned.

☐ 1. Document ID: US 20040151957 A1

Using default format because multiple data bases are involved.

L8: Entry 1 of 23

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040151957  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040151957 A1

TITLE: Optimizing reactions in fuel cells and electrochemical reactions

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brooks, Juliana H. J.	North East	MD	US	
Blum, Bentley J.	Fisher Island	FL	US	
Mortenson, Mark G.	North East	MD	US	

US-CL-CURRENT: 429/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RUNC	Draw D
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☐ 2. Document ID: US 20040053290 A1

L8: Entry 2 of 23

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040053290  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040053290 A1

TITLE: Devices and methods for biochip multiplexing

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Terbrueggen, Robert Henry	Hermosa Beach	CA	US	
Blackburn, Gary F.	Glendora	CA	US	
Chason, Marc Kenneth	Schaumburg	IL	US	
Dai, Xunhu	Gilbert	AZ	US	
Eliacin, Manes	Buffalo Grove	IL	US	

Grodzinski, Piotr	Santa Fe	NM	US
Irvine, Bruce Duncan	Glendora	CA	US
Kayyem, Jon Faiz	Pasadena	CA	US
Lian, Keryn Ke	Palatine	IL	US
Liu, Robin Hui	Chandler	AZ	US
O'Rourke, Shawn Michael	Tempe	AZ	US
Sheldon, Edward Lewis III	Arcadia	CA	US
Zenhausern, Frederic	Fountain Hills	AZ	US

US-CL-CURRENT: 435/6; 205/777.5, 435/287.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 3. Document ID: US 20040031335 A1

L8: Entry 3 of 23

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040031335  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040031335 A1

TITLE: Bulk materials management apparatus and method

PUBLICATION-DATE: February 19, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fromme, Guy A.	Louisville	CO	US	
O'Connor, Timothy	Lafayette	CO	US	
Gutow, David A.	Boulder	CO	US	
Paschen, Dean A.	Lafayette	CO	US	
Kolesnikoff, Paul I. II	Pinecliffe	CO	US	
Hirsch, Vincent A.	Boulder	CO	US	
Emerson, Gary	Golden	CO	US	
Bradford, Charles	Longmont	CO	US	
Webb, Leon C.	Naples	FL	US	
Hendershott, Paul	Boulder	CO	US	

US-CL-CURRENT: 73/865

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 4. Document ID: US 20040026162 A1

L8: Entry 4 of 23

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040026162  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040026162 A1

TITLE: Radio frequency shielded and acoustically insulated enclosure

PUBLICATION-DATE: February 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Christen, Walter J.	Wettingen		CH	

US-CL-CURRENT: 181/30; 181/285

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 20030232354 A1

L8: Entry 5 of 23

File: PGPB

Dec 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030232354

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030232354 A1

TITLE: Nucleic acid reactions using labels with different redox potentials

PUBLICATION-DATE: December 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yu, Changjun	Pasadena	CA	US	
Tor, Yitzhak	San Diego	CA	US	

US-CL-CURRENT: 435/6; 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 6. Document ID: US 20030143556 A1

L8: Entry 6 of 23

File: PGPB

Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030143556

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030143556 A1

TITLE: Nucleic acid reactions using labels with different redox potentials

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Blackburn, Gary	Glendora	CA	US	
Kayyem, Jon Faiz	Pasadena	CA	US	
Tao, Chunlin	Beverly Hills	CA	US	

Yu, Changjun

Pasadena

CA

US

US-CL-CURRENT: 435/6; 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D
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☐ 7. Document ID: US 20030107376 A1

L8: Entry 7 of 23

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030107376

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030107376 A1

TITLE: Magnetic resonance imaging apparatus

PUBLICATION-DATE: June 12, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yasuhara, Yasutake	Nasu-gun		JP	

US-CL-CURRENT: 324/318; 324/320, 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D
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☐ 8. Document ID: US 20010022515 A1

L8: Entry 8 of 23

File: PGPB

Sep 20, 2001

PGPUB-DOCUMENT-NUMBER: 20010022515

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010022515 A1

TITLE: Magnetic resonance imaging apparatus

PUBLICATION-DATE: September 20, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yamashita, Masatoshi	Otawara-shi		JP	
Ishii, Manabu	Otawara-shi		JP	
Sakakura, Yoshitomo	Nasu-gun		JP	
Takamori, Hiromitsu	Otawara-shi		JP	
Nakabayashi, Kazuto	Nasu-gun		JP	
Hamamura, Yoshinori	Otawara-shi		JP	
Mitsui, Shinji	Nasu-gun		JP	
Yasuhara, Yasutake	Nasu-gun		JP	

US-CL-CURRENT: 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 9. Document ID: US 6626264 B1

L8: Entry 9 of 23

File: USPT

Sep 30, 2003

US-PAT-NO: 6626264

DOCUMENT-IDENTIFIER: US 6626264 B1

TITLE: Radio frequency shielded and acoustically insulated enclosure

DATE-ISSUED: September 30, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Christen; Walter J.	Wettingen			CH

US-CL-CURRENT: 181/290; 174/35MS, 455/300, 52/79.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 10. Document ID: US 6556012 B2

L8: Entry 10 of 23

File: USPT

Apr 29, 2003

US-PAT-NO: 6556012

DOCUMENT-IDENTIFIER: US 6556012 B2

TITLE: Magnetic resonance imaging apparatus

DATE-ISSUED: April 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamashita; Masatoshi	Otawara			JP

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 11. Document ID: US 6531862 B1

L8: Entry 11 of 23

File: USPT

Mar 11, 2003

US-PAT-NO: 6531862

DOCUMENT-IDENTIFIER: US 6531862 B1

TITLE: High performance current sensor using low cost current transformer arrays



DATE-ISSUED: March 11, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stanley; Gerald R.	Osceola	IN		

US-CL-CURRENT: 324/127; 324/114, 324/115

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 12. Document ID: US 6441614 B1

L8: Entry 12 of 23

File: USPT

Aug 27, 2002

US-PAT-NO: 6441614

DOCUMENT-IDENTIFIER: US 6441614 B1

TITLE: Filler material for magnet resonant system self-shielded gradient coil  
assemblies

DATE-ISSUED: August 27, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edelstein; William Alan	Schenectady	NY		
Hedeen; Robert Arvin	Clifton Park	NY		
Mantone; Anthony	Brookfield	WI		

US-CL-CURRENT: 324/318; 324/307, 324/309, 324/320, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 13. Document ID: US 6208141 B1

L8: Entry 13 of 23

File: USPT

Mar 27, 2001

US-PAT-NO: 6208141

DOCUMENT-IDENTIFIER: US 6208141 B1

TITLE: Method and apparatus for mounting gradient tube to diagnostic imaging device

DATE-ISSUED: March 27, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Amor, Sr.; William H.	Chagrin Falls	OH		
Alden, Sr.; Jerome S.	Aurora	OH		
Morich; Michael A.	Mentor	OH		
Gruden; James L.	Kirtland Hills	OH		

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 14. Document ID: US 5699801 A

L8: Entry 14 of 23

File: USPT

Dec 23, 1997

US-PAT-NO: 5699801

DOCUMENT-IDENTIFIER: US 5699801 A

TITLE: Method of internal magnetic resonance imaging and spectroscopic analysis and associated apparatus

DATE-ISSUED: December 23, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Atalar; Ergin	Columbia	MD		
Bottomley; Paul A.	Columbia	MD		
Zerhouni; Elias A.	Baltimore	MD		

US-CL-CURRENT: 600/410; 324/318, 324/322, 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 15. Document ID: US 5550472 A

L8: Entry 15 of 23

File: USPT

Aug 27, 1996

US-PAT-NO: 5550472

DOCUMENT-IDENTIFIER: US 5550472 A

TITLE: Combined radio frequency coil with integral magnetic field shim set

DATE-ISSUED: August 27, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Richard; Mark A.	Cleveland Hts.	OH		
Morich; Michael A.	Mentor	OH		
Petropoulos; Labros S.	Solon	OH		

US-CL-CURRENT: 324/320; 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 16. Document ID: US 5374395 A

L8: Entry 16 of 23

File: USPT

Dec 20, 1994

US-PAT-NO: 5374395

DOCUMENT-IDENTIFIER: US 5374395 A

TITLE: Diagnostics instrument

DATE-ISSUED: December 20, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Robinson; David	Folkestone			GB2
Bate; Ernest	Great Chart			GB2
Kellard; Simon	Ashford			GB2
Watson; Mark	Ashford			GB2
Mahan; Donald E.	Grafton	MA		
Shimei; Thomas M.	Franklin	MA		
Kearney; Kevin R.	Worcester	MA		

US-CL-CURRENT: 422/64, 422/100, 422/102, 422/61, 422/63, 422/65, 422/67, 422/82.08,  
435/287.2, 435/287.3, 435/288.7, 436/164, 436/165, 436/166, 436/172, 436/174,  
436/180, 436/43, 436/47, 436/48, 436/49

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draws
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☐ 17. Document ID: US 5182427 A

L8: Entry 17 of 23

File: USPT

Jan 26, 1993

US-PAT-NO: 5182427

DOCUMENT-IDENTIFIER: US 5182427 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Self-regulating heater utilizing ferrite-type body

DATE-ISSUED: January 26, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McGaffigan; Thomas H.	Half Moon Bay	CA		

US-CL-CURRENT: 219/663, 219/494, 219/553, 219/616, 219/635

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draws
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☐ 18. Document ID: US 4342278 A

L8: Entry 18 of 23

File: USPT

Aug 3, 1982

US-PAT-NO: 4342278

DOCUMENT-IDENTIFIER: US 4342278 A

TITLE: Miniature inflatable containment and dry-water-entry vessels

DATE-ISSUED: August 3, 1982

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Horan; John J.	Chalfont	PA	18914	

US-CL-CURRENT: 114/345, 114/349, 441/102, 441/87

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 19. Document ID: US 4130538 A

L8: Entry 19 of 23

File: USPT

Dec 19, 1978

US-PAT-NO: 4130538

DOCUMENT-IDENTIFIER: US 4130538 A

TITLE: Preparation of smoke and flame retardant resinous compositions

DATE-ISSUED: December 19, 1978

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shutt; Thomas C.	St. Louis	MO		

US-CL-CURRENT: 523/129, 523/513, 523/514, 523/527, 524/405

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 20. Document ID: US 4006039 A

L8: Entry 20 of 23

File: USPT

Feb 1, 1977

US-PAT-NO: 4006039

DOCUMENT-IDENTIFIER: US 4006039 A

TITLE: Component for thermoelectric generator

DATE-ISSUED: February 1, 1977

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Purdy; David L.	Indiana	PA		

US-CL-CURRENT: 136/237, 136/224, 136/225, 976/DIG.416

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 21. Document ID: US 4006038 A

L8: Entry 21 of 23

File: USPT

Feb 1, 1977

US-PAT-NO: 4006038

DOCUMENT-IDENTIFIER: US 4006038 A

TITLE: Heat reflecting tape for thermoelectric converter

DATE-ISSUED: February 1, 1977

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Purdy; David L.	Indiana	PA		

US-CL-CURRENT: 136/225; 136/224, 976/DIG.416

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 22. Document ID: US 3923551 A

L8: Entry 22 of 23

File: USPT

Dec 2, 1975

US-PAT-NO: 3923551

DOCUMENT-IDENTIFIER: US 3923551 A

TITLE: Method of making a thermopile with insulatingly separate junctions on an alumina insulator

DATE-ISSUED: December 2, 1975

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Purdy; David L.	Indiana	PA		

US-CL-CURRENT: 136/201; 136/202, 136/205, 136/224, 136/237, 228/122.1, 228/208, 439/933, 976/DIG.416

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 23. Document ID: US 3649367 A

L8: Entry 23 of 23

File: USOC

Mar 14, 1972

US-PAT-NO: 3649367

DOCUMENT-IDENTIFIER: US 3649367 A

TITLE: ELECTRICAL GENERATOR

DATE-ISSUED: March 14, 1972

INVENTOR-NAME: PURDY DAVID L

US-CL-CURRENT: [136/202](#); [136/205](#), [136/223](#), [136/225](#), [136/226](#), [136/241](#), [607/36](#),  
[607/37](#), [976/DIG.416](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	WOC	Drawings
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Term	Documents
CERAMIC	525745
CERAMICS	164284
GLASS	1529944
GLASSES	73997
FILAMENT	189513
FILAMENTS	143375
CARBON	1447281
CARBONS	93278
FIBER	707169
FIBRES	234880
FIBRE	409327
(L7 AND (CERAMIC OR GLASS OR FILAMENT OR CARBON OR FIBER OR FIBROUS OR NON-CONDUCT\$4 OR "NON CONDUCT\$4" OR MODULUS) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	23

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☐ 1. Document ID: US 20030088172 A1

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L23: Entry 1 of 12

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030088172

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030088172 A1

TITLE: Magnetic resonance tomography apparatus with damping of mechanical vibrations by the use of material with electrostrictive properties

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kuth, Rainer	Herzogenaurach		DE	

US-CL-CURRENT: 600/407

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RUNC	Draw D
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☐ 2. Document ID: US 20030035972 A1

L23: Entry 2 of 12

File: PGPB

Feb 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030035972

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030035972 A1

TITLE: Color shifting film articles

PUBLICATION-DATE: February 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hanson, Gary B.	Hudson	WI	US	
Jonza, James M.	Woodbury	MN	US	
Ouder Kirk, Andrew J.	Woodbury	MN	US	
Wheatley, John A.	Lake Elmo	MN	US	

US-CL-CURRENT: 428/480; 428/323, 428/912.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20030025582 A1

L23: Entry 3 of 12

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030025582

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030025582 A1

TITLE: Magnetic resonance tomography apparatus having damping laminated sheets for reducing vibrations

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Arz, Winfried	Erlangen		DE	
Boemmel, Franz	Erlangen		DE	
Dietz, Peter	Nuernberg		DE	
Weber, Matthias	Fuerth		DE	

US-CL-CURRENT: 335/296

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20010022982 A1

L23: Entry 4 of 12

File: PGPB

Sep 20, 2001

PGPUB-DOCUMENT-NUMBER: 20010022982

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010022982 A1

TITLE: Apparatus for making multilayer optical films

PUBLICATION-DATE: September 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Neavin, Terence D.	St. Paul	MN	US	
Ouderkirk, Andrew J.	Woodbury	MN	US	
Biegler, Robert M.	Woodbury	MN	US	
Liu, Yaoqi J.	Maplewood	MN	US	

US-CL-CURRENT: 425/133.5; 425/378.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 20010019182 A1

L23: Entry 5 of 12

File: PGPB

Sep 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010019182  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010019182 A1

TITLE: Method for making copen/pmma multilayer optical films

PUBLICATION-DATE: September 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hebrink, Timothy J.	Oakdale	MN	US	
Liu, Yaoqi J.	Maplewood	MN	US	
Merrill, William Ward	White Bear Lake	MN	US	
Nerad, Bruce A.	Oakdale	MN	US	
Wheatley, John A.	Lake Elmo	MN	US	

US-CL-CURRENT: 264/1.6; 264/1.7, 264/173.14, 264/173.19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RULE	Draw De
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☐ 6. Document ID: US 20010013668 A1

L23: Entry 6 of 12

File: PGPB

Aug 16, 2001

PGPUB-DOCUMENT-NUMBER: 20010013668  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010013668 A1

TITLE: Method for making multilayer optical films

PUBLICATION-DATE: August 16, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Neavin, Terence D.	St. Paul	MN	US	
Ouderkirk, Andrew J.	Woodbury	MN	US	
Liu, Yaoqi J.	Maplewood	MN	US	

US-CL-CURRENT: 264/1.7; 264/173.16, 425/131.1, 425/378.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RULE	Draw De
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☐ 7. Document ID: US 20010011779 A1

L23: Entry 7 of 12

File: PGPB

Aug 9, 2001

PGPUB-DOCUMENT-NUMBER: 20010011779  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010011779 A1

TITLE: Method for making textured multilayer optical films

PUBLICATION-DATE: August 9, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stover, Carl A.	St. Paul	MN	US	

US-CL-CURRENT: 264/1.7; 264/167, 264/173.16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D
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☐ 8. Document ID: US 6783349 B2

L23: Entry 8 of 12

File: USPT

Aug 31, 2004

US-PAT-NO: 6783349  
DOCUMENT-IDENTIFIER: US 6783349 B2

TITLE: Apparatus for making multilayer optical films

DATE-ISSUED: August 31, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Neavin; Terence D.	St. Paul	MN		
Ouderkirk; Andrew J.	Woodbury	MN		
Biegler; Robert M.	Woodbury	MN		
Liu; Yaoqi J.	Maplewood	MN		

US-CL-CURRENT: 425/133.5; 425/190, 425/379.1, 425/462

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw D
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☐ 9. Document ID: US 6531230 B1

L23: Entry 9 of 12

File: USPT

Mar 11, 2003

US-PAT-NO: 6531230  
DOCUMENT-IDENTIFIER: US 6531230 B1  
**\*\* See image for Certificate of Correction \*\***

TITLE: Color shifting film

DATE-ISSUED: March 11, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weber; Michael F.	Shoreview	MN		
Nevitt; Timothy J.	Red Wing	MN		
Merrill; William W.	White Bear Lake	MN		
Roscoe; Kelly M.	Orono	MN		
Ouderkirk; Andrew J.	Woodbury	MN		
Wheatley; John A.	Lake Elmo	MN		
Hanson; Gary B.	Hudson	WI		
Jonza; James M.	Woodbury	MN		
Boettcher; Jeffrey A.	Falcon Heights	MN		
Liu; Yaoqi J.	Maplewood	MN		
Neavin; Terence D.	St. Paul	MN		

US-CL-CURRENT: 428/480; 428/357, 428/577, 428/580, 428/584, 428/589

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 10. Document ID: US 5764059 A

L23: Entry 10 of 12

File: USPT

Jun 9, 1998

US-PAT-NO: 5764059

DOCUMENT-IDENTIFIER: US 5764059 A

TITLE: Acoustic screen

DATE-ISSUED: June 9, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mansfield; Peter	Bramcote			GB2
Bowtell; Richard William	Nottingham			GB2
Chapman; Barry Leonard Walter	Stapleford			GB2
Glover; Paul Martin	Chilwell			GB2

US-CL-CURRENT: 324/318; 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 11. Document ID: US 5256969 A

L23: Entry 11 of 12

File: USPT

Oct 26, 1993

US-PAT-NO: 5256969

DOCUMENT-IDENTIFIER: US 5256969 A

TITLE: Gradient magnetic field coil for magnetic resonance imaging system

DATE-ISSUED: October 26, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyajima; Goh	Katsuta			JP
Igarashi; Yoshiki	Katsuta			JP

US-CL-CURRENT: 324/318; 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 12. Document ID: US 4954781 A

L23: Entry 12 of 12

File: USPT

Sep 4, 1990

US-PAT-NO: 4954781

DOCUMENT-IDENTIFIER: US 4954781 A

TITLE: Nuclear magnetic resonance imaging apparatus with reduced acoustic noise

DATE-ISSUED: September 4, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirata; Haruhiko	Yokohama			JP

US-CL-CURRENT: 324/318; 324/300, 335/219

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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Term	Documents
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VISCOELASTICS	114
VISCOELASTI\$4	0
VISCOELASTI	9
VISCOELASTIC	16327
VISCOELASTICA	1
VISCOELASTICAL	2
VISCOELASTICALY	1
VISCOELASTICC	1
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☐ 1. Document ID: US 20030137379 A1

Using default format because multiple data bases are involved.

L29: Entry 1 of 19

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030137379

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030137379 A1

TITLE: Mounting scheme for NMR gradient magnet coils

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Atkins, Andrew Farquhar	Oxford		GB	

US-CL-CURRENT: 335/299

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Ds
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☐ 2. Document ID: US 20030107376 A1

L29: Entry 2 of 19

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030107376

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030107376 A1

TITLE: Magnetic resonance imaging apparatus

PUBLICATION-DATE: June 12, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yasuhara, Yasutake	Nasu-gun		JP	

US-CL-CURRENT: 324/318; 324/320, 324/321

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Ds
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☐ 3. Document ID: US 20010022515 A1

L29: Entry 3 of 19

File: PGPB

Sep 20, 2001

PGPUB-DOCUMENT-NUMBER: 20010022515  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010022515 A1

TITLE: Magnetic resonance imaging apparatus

PUBLICATION-DATE: September 20, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yamashita, Masatoshi	Otawara-shi		JP	
Ishii, Manabu	Otawara-shi		JP	
Sakakura, Yoshitomo	Nasu-gun		JP	
Takamori, Hiromitsu	Otawara-shi		JP	
Nakabayashi, Kazuto	Nasu-gun		JP	
Hamamura, Yoshinori	Otawara-shi		JP	
Mitsui, Shinji	Nasu-gun		JP	
Yasuhara, Yasutake	Nasu-gun		JP	

US-CL-CURRENT: 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Ds
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☐ 4. Document ID: US 6717497 B2

L29: Entry 4 of 19

File: USPT

Apr 6, 2004

US-PAT-NO: 6717497  
DOCUMENT-IDENTIFIER: US 6717497 B2

TITLE: Mounting scheme for NMR gradient magnet coils

DATE-ISSUED: April 6, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Atkins; Andrew Farquhar	Oxford			GB

US-CL-CURRENT: 335/216; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Ds
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☐ 5. Document ID: US 6556012 B2

L29: Entry 5 of 19

File: USPT

Apr 29, 2003

US-PAT-NO: 6556012  
DOCUMENT-IDENTIFIER: US 6556012 B2

TITLE: Magnetic resonance imaging apparatus

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamashita; Masatoshi	Otawara			JP

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 6. Document ID: US 6492816 B1

L29: Entry 6 of 19

File: USPT

Dec 10, 2002

US-PAT-NO: 6492816  
DOCUMENT-IDENTIFIER: US 6492816 B1

TITLE: Acoustic liner for mri gradient coils

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Feenan; Peter John	Oxfordshire		OX8 8AN	GB

US-CL-CURRENT: 324/318; 324/309, 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 7. Document ID: US 6441616 B1

L29: Entry 7 of 19

File: USPT

Aug 27, 2002

US-PAT-NO: 6441616  
DOCUMENT-IDENTIFIER: US 6441616 B1

TITLE: Active control of sound generation in MRI gradient coil structures

DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mansfield; Paul	Bramcote, Nottingham NG9 3DD			GB

US-CL-CURRENT: 324/318; 324/319



Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 8. Document ID: US 6441614 B1

L29: Entry 8 of 19

File: USPT

Aug 27, 2002

US-PAT-NO: 6441614

DOCUMENT-IDENTIFIER: US 6441614 B1

TITLE: Filler material for magnet resonant system self-shielded gradient coil assemblies

DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edelstein; William Alan	Schenectady	NY		
Hedeen; Robert Arvin	Clifton Park	NY		
Mantone; Anthony	Brookfield	WI		

US-CL-CURRENT: 324/318; 324/307, 324/309, 324/320, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 9. Document ID: US 6437568 B1

L29: Entry 9 of 19

File: USPT

Aug 20, 2002

US-PAT-NO: 6437568

DOCUMENT-IDENTIFIER: US 6437568 B1

TITLE: Low noise MRI scanner

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edelstein; William Alan	Schenectady	NY		
Mallozzi; Richard Philip	Clifton Park	NY		
Hedeen; Robert Arvin	Clifton Park	NY		
El-Hamamsy; Sayed-Amr	Niskayuna	NY		
Miller; Mark Lloyd	Schenectady	NY		
Thompson; Paul Shadforth	Stephentown	NY		
Ackermann; Robert Adolph	Schenectady	NY		
Amm; Bruce Campbell	Clifton Park	NY		
Fura; John Peter	Ballston Lake	NY		
Radziun; Mike James	Waterford	WI		
Dean; David Edward	Hartland	WI		

Mansell; Scott Thomas	Waterford	WI
Purgill; Dewain Anthony	Waukesha	WI
Vavrek; Robert Michael	Waukesha	WI

US-CL-CURRENT: 324/318; 324/309, 324/319, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 10. Document ID: US 5990680 A

L29: Entry 10 of 19

File: USPT

Nov 23, 1999

US-PAT-NO: 5990680

DOCUMENT-IDENTIFIER: US 5990680 A

TITLE: Active acoustic control in quiet gradient coil design for MRI

DATE-ISSUED: November 23, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mansfield; Peter	Bramcote, Nottingham NG9 3DD			GB

US-CL-CURRENT: 324/318; 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 11. Document ID: US 5886548 A

L29: Entry 11 of 19

File: USPT

Mar 23, 1999

US-PAT-NO: 5886548

DOCUMENT-IDENTIFIER: US 5886548 A

TITLE: Crescent gradient coils

DATE-ISSUED: March 23, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Doty; F. David	Columbia	SC		
Wilcher; James K.	Columbia	SC		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 12. Document ID: US 5764059 A

L29: Entry 12 of 19

File: USPT

Jun 9, 1998

US-PAT-NO: 5764059

DOCUMENT-IDENTIFIER: US 5764059 A

TITLE: Acoustic screen

DATE-ISSUED: June 9, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mansfield; Peter	Bramcote			GB2
Bowtell; Richard William	Nottingham			GB2
Chapman; Barry Leonard Walter	Stapleford			GB2
Glover; Paul Martin	Chilwell			GB2

US-CL-CURRENT: 324/318; 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 13. Document ID: US 5530355 A

L29: Entry 13 of 19

File: USPT

Jun 25, 1996

US-PAT-NO: 5530355

DOCUMENT-IDENTIFIER: US 5530355 A

TITLE: Solenoidal, octopolar, transverse gradient coils

DATE-ISSUED: June 25, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Doty; F. David	Columbia	SC		

US-CL-CURRENT: 324/318; 324/322, 335/299, 336/225

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 14. Document ID: US 5474069 A

L29: Entry 14 of 19

File: USPT

Dec 12, 1995

US-PAT-NO: 5474069

DOCUMENT-IDENTIFIER: US 5474069 A

TITLE: NMR local coil for brain imaging

DATE-ISSUED: December 12, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wong; Eric C.	Wauwatosa	WI		
Hyde; James S.	Dousman	WI		

US-CL-CURRENT: 600/422; 324/318, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 15. Document ID: US 5372137 A

L29: Entry 15 of 19

File: USPT

Dec 13, 1994

US-PAT-NO: 5372137

DOCUMENT-IDENTIFIER: US 5372137 A

TITLE: NMR local coil for brain imaging

DATE-ISSUED: December 13, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wong; Eric C.	Wauwatosa	WI		
Hyde; James S.	Dousman	WI		

US-CL-CURRENT: 600/422; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 16. Document ID: US 5309105 A

L29: Entry 16 of 19

File: USPT

May 3, 1994

US-PAT-NO: 5309105

DOCUMENT-IDENTIFIER: US 5309105 A

TITLE: Vibration reduction system for magnetic-resonance imaging apparatus

DATE-ISSUED: May 3, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sato; Taichi	Ishioka			JP
Mohri; Yoshiharu	Chiyoda			JP
Tanaka; Kihachiro	Ushiku			JP
Hommei; Takao	Katsuta			JP
Otsuka; Masayuki	Katsuta			JP
Wada; Masashi	Katsuta			JP

US-CL-CURRENT: 324/318; 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 17. Document ID: US 5256969 A

L29: Entry 17 of 19

File: USPT

Oct 26, 1993

US-PAT-NO: 5256969

DOCUMENT-IDENTIFIER: US 5256969 A

TITLE: Gradient magnetic field coil for magnetic resonance imaging system

DATE-ISSUED: October 26, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyajima; Goh	Katsuta			JP
Igarashi; Yoshiki	Katsuta			JP

US-CL-CURRENT: 324/318; 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 18. Document ID: US 5084676 A

L29: Entry 18 of 19

File: USPT

Jan 28, 1992

US-PAT-NO: 5084676

DOCUMENT-IDENTIFIER: US 5084676 A

TITLE: Nuclear magnetic resonance apparatus

DATE-ISSUED: January 28, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Saho; Norihide	Tsuchiura			JP
Yamamoto; Shinji	Katuta			JP
Shudo; Tuyosi	Katsuta			JP
Otsuka; Masayuki	Katsuta			JP
Hirata; Tohsuke	Ibaraki			JP
Kikuchi; Katsuaki	Tsuchiura			JP
Shimode; Shinichi	Ibaraki			JP
Nemoto; Takeo	Ibaraki			JP

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 19. Document ID: US 4954781 A

L29: Entry 19 of 19

File: USPT

Sep 4, 1990

US-PAT-NO: 4954781

DOCUMENT-IDENTIFIER: US 4954781 A

TITLE: Nuclear magnetic resonance imaging apparatus with reduced acoustic noise

DATE-ISSUED: September 4, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirata; Haruhiko	Yokohama			JP

US-CL-CURRENT: 324/318; 324/300, 335/219

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RVOC	Draw D
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Term	Documents
OUTER	3451282
OUTERS	474
INNER	3065360
INNERS	628
GRADIENT	254994
GRADIENTS	62668
(28 AND (GRADIENT WITH INNER WITH OUTER)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	19
(L28 AND (OUTER WITH INNER WITH GRADIENT) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	19

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[Generate OACS](#)

Search Results - Record(s) 1 through 16 of 16 returned.

☐ 1. Document ID: US 20030189182 A1

Using default format because multiple data bases are involved.

L35: Entry 1 of 16

File: PGPB

Oct 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030189182

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030189182 A1

TITLE: Hyperpolarized gas containers, solenoids, transport and storage devices and associated transport and storage methods

PUBLICATION-DATE: October 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hasson, Kenton C.	Durham	NC	US	
Zollinger, Geri T.K.	Chapel Hill	NC	US	
Zollinger, David L.	Chapel Hill	NC	US	
Bogorad, Paul L.	Hillsborough	NC	US	
Wheeler, Bradley A.	Raleigh	NC	US	

US-CL-CURRENT: 251/129.2; 310/14

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 2. Document ID: US 20030158474 A1

L35: Entry 2 of 16

File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030158474

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030158474 A1

TITLE: Method and apparatus for nanomagnetic manipulation and sensing

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Scherer, Axel	Laguna Beach	CA	US	
Barbic, Mladen	South Pasadena	CA	US	

US-CL-CURRENT: 600/409

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 3. Document ID: US 20030137379 A1

L35: Entry 3 of 16

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030137379

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030137379 A1

TITLE: Mounting scheme for NMR gradient magnet coils

PUBLICATION-DATE: July 24, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Atkins, Andrew Farquhar	Oxford		GB	

US-CL-CURRENT: 335/299

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 4. Document ID: US 6717497 B2

L35: Entry 4 of 16

File: USPT

Apr 6, 2004

US-PAT-NO: 6717497

DOCUMENT-IDENTIFIER: US 6717497 B2

TITLE: Mounting scheme for NMR gradient magnet coils

DATE-ISSUED: April 6, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Atkins; Andrew Farquhar	Oxford			GB

US-CL-CURRENT: 335/216; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 5. Document ID: US 6534983 B1

L35: Entry 5 of 16

File: USPT

Mar 18, 2003

US-PAT-NO: 6534983

DOCUMENT-IDENTIFIER: US 6534983 B1



TITLE: Multi-channel phased array coils having minimum mutual inductance for magnetic resonance systems

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Boskamp; Eddy B.	Menomonee Falls	WI		
Li; Shizhe	Brookfield	WI		
Cline; Harvey E.	Schenectady	NY		
Giaquinto; Randy O.	Burnt Hills	NY		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 6. Document ID: US 6492816 B1

L35: Entry 6 of 16

File: USPT

Dec 10, 2002

US-PAT-NO: 6492816

DOCUMENT-IDENTIFIER: US 6492816 B1

TITLE: Acoustic liner for mri gradient coils

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Feenan; Peter John	Oxfordshire		OX8 8AN	GB

US-CL-CURRENT: 324/318; 324/309, 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 7. Document ID: US 6441614 B1

L35: Entry 7 of 16

File: USPT

Aug 27, 2002

US-PAT-NO: 6441614

DOCUMENT-IDENTIFIER: US 6441614 B1

TITLE: Filler material for magnet resonant system self-shielded gradient coil assemblies

DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edelstein; William Alan	Schenectady	NY		

Hedeen; Robert Arvin                      Clifton Park              NY  
Mantone; Anthony                      Brookfield              WI

US-CL-CURRENT: 324/318; 324/307, 324/309, 324/320, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 8. Document ID: US 6437568 B1

L35: Entry 8 of 16

File: USPT

Aug 20, 2002

US-PAT-NO: 6437568

DOCUMENT-IDENTIFIER: US 6437568 B1

TITLE: Low noise MRI scanner

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edelstein; William Alan	Schenectady	NY		
Mallozzi; Richard Philip	Clifton Park	NY		
Hedeen; Robert Arvin	Clifton Park	NY		
El-Hamamsy; Sayed-Amr	Niskayuna	NY		
Miller; Mark Lloyd	Schenectady	NY		
Thompson; Paul Shadforth	Stephentown	NY		
Ackermann; Robert Adolph	Schenectady	NY		
Amm; Bruce Campbell	Clifton Park	NY		
Fura; John Peter	Ballston Lake	NY		
Radziun; Mike James	Waterford	WI		
Dean; David Edward	Hartland	WI		
Mansell; Scott Thomas	Waterford	WI		
Purgill; Dewain Anthony	Waukesha	WI		
Vavrek; Robert Michael	Waukesha	WI		

US-CL-CURRENT: 324/318; 324/309, 324/319, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 9. Document ID: US 6430939 B1

L35: Entry 9 of 16

File: USPT

Aug 13, 2002

US-PAT-NO: 6430939

DOCUMENT-IDENTIFIER: US 6430939 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Hyperpolarized gas containers, solenoids, transport and storage devices and associated transport and storage methods

DATE-ISSUED: August 13, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hasson; Kenton C.	Durham	NC		
Zollinger; Geri T. K.	Chapel Hill	NC		
Zollinger; David L.	Chapel Hill	NC		
Bogorad; Paul L.	Hillsborough	NC		
Wheeler; Bradley A.	Raleigh	NC		

US-CL-CURRENT: 62/49.1; 600/420, 604/181, 604/20

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 10. Document ID: US 6208141 B1

L35: Entry 10 of 16

File: USPT

Mar 27, 2001

US-PAT-NO: 6208141

DOCUMENT-IDENTIFIER: US 6208141 B1

TITLE: Method and apparatus for mounting gradient tube to diagnostic imaging device

DATE-ISSUED: March 27, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Amor, Sr.; William H.	Chagrin Falls	OH		
Alden, Sr.; Jerome S.	Aurora	OH		
Morich; Michael A.	Mentor	OH		
Gruden; James L.	Kirtland Hills	OH		

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 11. Document ID: US 6157276 A

L35: Entry 11 of 16

File: USPT

Dec 5, 2000

US-PAT-NO: 6157276

DOCUMENT-IDENTIFIER: US 6157276 A

TITLE: MRI magnet assembly with non-conductive inner wall

DATE-ISSUED: December 5, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Hedeen; Robert Arvin	Clifton Park	NY
Edelstein; William Alan	Schenectady	NY
El-Hamamsy; Sayed-Amr	Schenectady	NY
Herd; Kenneth Gordon	Niskayuna	NY
Ackermann; Robert Adolph	Schenectady	NY

US-CL-CURRENT: 335/216; 324/318, 505/879, 505/893, 505/898, 62/51.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw D
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☐ 12. Document ID: US 5990680 A

L35: Entry 12 of 16

File: USPT

Nov 23, 1999

US-PAT-NO: 5990680

DOCUMENT-IDENTIFIER: US 5990680 A

TITLE: Active acoustic control in quiet gradient coil design for MRI

DATE-ISSUED: November 23, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mansfield; Peter	Bramcote, Nottingham NG9 3DD			GB

US-CL-CURRENT: 324/318; 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw D
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☐ 13. Document ID: US 5886548 A

L35: Entry 13 of 16

File: USPT

Mar 23, 1999

US-PAT-NO: 5886548

DOCUMENT-IDENTIFIER: US 5886548 A

TITLE: Crescent gradient coils

DATE-ISSUED: March 23, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Doty; F. David	Columbia	SC		
Wilcher; James K.	Columbia	SC		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw D
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☐ 14. Document ID: US 5554929 A

L35: Entry 14 of 16

File: USPT

Sep 10, 1996

US-PAT-NO: 5554929

DOCUMENT-IDENTIFIER: US 5554929 A

TITLE: Crescent gradient coils

DATE-ISSUED: September 10, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Doty; F. David	Columbia	SC		
Wilcher; James K.	Columbia	SC		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 15. Document ID: US 5550472 A

L35: Entry 15 of 16

File: USPT

Aug 27, 1996

US-PAT-NO: 5550472

DOCUMENT-IDENTIFIER: US 5550472 A

TITLE: Combined radio frequency coil with integral magnetic field shim set

DATE-ISSUED: August 27, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Richard; Mark A.	Cleveland Hts.	OH		
Morich; Michael A.	Mentor	OH		
Petropoulos; Labros S.	Solon	OH		

US-CL-CURRENT: 324/320; 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 16. Document ID: US 4642569 A

L35: Entry 16 of 16

File: USPT

Feb 10, 1987

US-PAT-NO: 4642569

DOCUMENT-IDENTIFIER: US 4642569 A

**\*\* See image for Certificate of Correction \*\***TITLE: Shield for decoupling RF and gradient coils in an NMR apparatus

DATE-ISSUED: February 10, 1987

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hayes; Cecil E.	Wauwatosa	WI		
Eash; Matthew G.	Oconomowoc	WI		

US-CL-CURRENT: 324/318; 324/300, 505/844

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NAME	Draw De
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Term	Documents
LAYER	3200533
LAYERS	1275227
FILM	2309440
FILMS	561436
INSULAT\$4	0
INSULAT	21542
INSULATA	26
INSULATAAD	1
INSULATAB	2
INSULATABIY	1
INSULATABL	3
(L34 AND (LAYER OR FILM OR INSULAT\$4 OR SANDWICH\$4) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	16

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DATE: Thursday, September 09, 2004

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L12	L10 and (gradient with coil)	5
<input type="checkbox"/>	L11	L10 and (gradient adj coil)	4
<input type="checkbox"/>	L10	L9 and (cylinder or tube or cylindrical\$2 or bore)	42
<input type="checkbox"/>	L9	L8 and (rubber or foam)	44
<input type="checkbox"/>	L8	L7 and (ceramic or glass or filament or carbon or fiber or fibrous or non-conduct\$4 or "non conduct\$4" or modulus)	47
<input type="checkbox"/>	L7	L6 and (inner or outer or inside or outside or internal\$2 or external\$2 or surface)	47
<input type="checkbox"/>	L6	L5 and (layer or film or insulat\$4 or sandwich\$4)	49
<input type="checkbox"/>	L5	L3 and (((dampen\$4 or damp\$3) or ((reduc\$4 or block\$4 or decreas\$4 or lower\$3 or minimiz\$4) with (noise or sound or acoustic\$4))))	51
<input type="checkbox"/>	L4	L3 and (dampen\$4 or ((reduc\$4 or block\$4 or decreas\$4 or lower\$3 or minimiz\$4) with (noise or sound oe acoustic\$4))))	24
<input type="checkbox"/>	L3	L2 and (gradient)	272
<input type="checkbox"/>	L2	L1 and ((magnetic adj resonance) or MRI or NMR)	895
<input type="checkbox"/>	L1	viscoelastic	16367

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 42 of 42 returned.

☐ 1. Document ID: US 20040171740 A1

Using default format because multiple data bases are involved.

L10: Entry 1 of 42

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040171740

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040171740 A1

TITLE: Systems and methods for controlling and forming polymer gels

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruberti, Jeffrey W.	Lexington	MA	US	
Braithwaite, Gavin J. C.	Cambridge	MA	US	

US-CL-CURRENT: [524/563](#); [524/379](#), [524/386](#), [524/56](#), [524/58](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw Dc
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☐ 2. Document ID: US 20040127614 A1

L10: Entry 2 of 42

File: PGPB

Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040127614

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040127614 A1

TITLE: Polyolefin adhesive compositions and articles made therefrom

PUBLICATION-DATE: July 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Jiang, Peijun	League City	TX	US	
Nelson, Keith Allen	Houston	TX	US	
Curry, Christopher Lewis	Seabrook	TX	US	
Dekmezian, Armenag Hagop	Kingwood	TX	US	
Sims, Charles Lewis	Houston	TX	US	
Abhari, Ramin	Friendswood	TX	US	



Garcia-Franco, Cesar Alberto	Houston	TX	US
Canich, Jo Ann Marie	Houston	TX	US
Kappes, Nicolas	Bruxelles		BE
Faissat, Michel Louis	Waterloo		BE
Jacob, Lutz Erich	Tervuren		BE

US-CL-CURRENT: 524/270; 524/275, 524/487

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 3. Document ID: US 20040116591 A1

L10: Entry 3 of 42

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040116591

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040116591 A1

TITLE: Gels, composites, and health care articles

PUBLICATION-DATE: June 17, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chen, John Y.	Hillsborough	CA	US	

US-CL-CURRENT: 524/575

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D
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☐ 4. Document ID: US 20040106723 A1

L10: Entry 4 of 42

File: PGPB

Jun 3, 2004

PGPUB-DOCUMENT-NUMBER: 20040106723

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040106723 A1

TITLE: Plasticized polyolefin compositions

PUBLICATION-DATE: June 3, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yang, Henry Wu-Hsiang	Kingwood	TX	US	
Li, Wen	Houston	TX	US	
Lundmark, Bruce R.	Houston	TX	US	
Lin, Chon-Yie	Houston	TX	US	
Cheng, Chia Yung	Seabrook	TX	US	

Chapman, Bryan R.	Houston	TX	US
Eiselt, Petra	Houston	TX	US
Ourieva, Galina	Alfons Lenaertsstraat	NJ	BE
Varma-Nair, Manika	Warren	TX	US
Coffey, James N.	League City	NJ	US
Schregenberger, Sandra Denise	Hillsborough	NJ	US
Lohse, David J.	Bridgewater	NJ	US
Yang, Norman	Westfield	TX	US
Zudock, Jeffrey Theodore	Katy	TX	US
Wittenbrink, Robert Jay	Kingwood		US

US-CL-CURRENT: 524/570

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 5. Document ID: US 20040072942 A1

L10: Entry 5 of 42

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040072942

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040072942 A1

TITLE: Adherent gels, composites, and articles

PUBLICATION-DATE: April 15, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chen, John Y.	Hillsborough	CA	US	

US-CL-CURRENT: 524/549

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 6. Document ID: US 20040070187 A1

L10: Entry 6 of 42

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040070187

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040070187 A1

TITLE: Inflatable restraint cushions and other uses

PUBLICATION-DATE: April 15, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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Chen, John Y. Hillsborough CA US

US-CL-CURRENT: 280/742

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMNC	Draw De
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☐ 7. Document ID: US 20040068040 A1

L10: Entry 7 of 42

File: PGPB

Apr 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040068040

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040068040 A1

TITLE: Tear resistant gels, composites, and articles

PUBLICATION-DATE: April 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chen, John Y.	Hillsborough	CA	US	

US-CL-CURRENT: 524/481; 523/218

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMNC	Draw De
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☐ 8. Document ID: US 20040063833 A1

L10: Entry 8 of 42

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040063833

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040063833 A1

TITLE: Gels for force gauging

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chen, John Y.	Hillsborough	CA	US	

US-CL-CURRENT: 524/270; 524/543

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMNC	Draw De
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☐ 9. Document ID: US 20040019178 A1

L10: Entry 9 of 42

File: PGPB

Jan 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040019178  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040019178 A1

TITLE: Enzyme-catalyzed polycondensations

PUBLICATION-DATE: January 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gross, Richard A.	Plainview	NY	US	
Kumar, Ajay	Houston	TX	US	
Kalra, Bhanu	Houston	TX	US	

US-CL-CURRENT: 528/274

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 10. Document ID: US 20030186603 A1

L10: Entry 10 of 42

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030186603  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030186603 A1

TITLE: Tear resistant gels, composites, and diving apparel articles

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chen, John Y.	Hillsborough	CA	US	

US-CL-CURRENT: 442/85; 441/102

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 11. Document ID: US 20030152768 A1

L10: Entry 11 of 42

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030152768  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030152768 A1

TITLE: Silicone pressure sensitive adhesives, articles and methods

PUBLICATION-DATE: August 14, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Melancon, Kurt C.	White Bear Lake	MN	US	
Kremer, Anthony M.	Woodbury	MN	US	
Sherman, Audrey A.	St. Paul	MN	US	
Zhou, Zhiming	Woodbury	MN	US	
Tumey, Michael L.	St. Paul	MN	US	
Lunsford, Duane A.	Stacy	MN	US	

US-CL-CURRENT: 428/355R

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw D
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☐ 12. Document ID: US 20030130407 A1

L10: Entry 12 of 42

File: PGPB

Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030130407  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030130407 A1

TITLE: Tear resistant gelatinous elastomer compositions and articles for use as fishing bait

PUBLICATION-DATE: July 10, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chen, John Y.	Pacifica	CA	US	

US-CL-CURRENT: 524/505

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw D
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☐ 13. Document ID: US 20030088172 A1

L10: Entry 13 of 42

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030088172  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030088172 A1

TITLE: Magnetic resonance tomography apparatus with damping of mechanical vibrations by the use of material with electrostrictive properties

PUBLICATION-DATE: May 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kuth, Rainer	Herzogenaurach		DE	

US-CL-CURRENT: 600/407

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 14. Document ID: US 20030035972 A1

L10: Entry 14 of 42

File: PGPB

Feb 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030035972  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030035972 A1

TITLE: Color shifting film articles

PUBLICATION-DATE: February 20, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hanson, Gary B.	Hudson	WI	US	
Jonza, James M.	Woodbury	MN	US	
Ouderkirk, Andrew J.	Woodbury	MN	US	
Wheatley, John A.	Lake Elmo	MN	US	

US-CL-CURRENT: 428/480; 428/323, 428/912.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 15. Document ID: US 20030025582 A1

L10: Entry 15 of 42

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030025582  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030025582 A1

TITLE: Magnetic resonance tomography apparatus having damping laminated sheets for reducing vibrations

PUBLICATION-DATE: February 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Arz, Winfried	Erlangen		DE	
Boemmel, Franz	Erlangen		DE	
Dietz, Peter	Nuernberg		DE	
Weber, Matthias	Fuerth		DE	

US-CL-CURRENT: 335/296

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 16. Document ID: US 20020137074 A1

L10: Entry 16 of 42

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020137074

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020137074 A1

TITLE: Selectivity of nucleic acid diagnostic and microarray technologies by control of interfacial nucleic acid film chemistry

PUBLICATION-DATE: September 26, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Piunno, Paul A.E.	Mississauga		CA	
Watterson, James H.	Mississauga		CA	
Wust, Christopher C.	Mississauga		CA	
Krull, Ulrich J.	Mississauga		CA	

US-CL-CURRENT: 435/6; 435/287.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 17. Document ID: US 20010022982 A1

L10: Entry 17 of 42

File: PGPB

Sep 20, 2001

PGPUB-DOCUMENT-NUMBER: 20010022982

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010022982 A1

TITLE: Apparatus for making multilayer optical films

PUBLICATION-DATE: September 20, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Neavin, Terence D.	St. Paul	MN	US	
Ouderkirk, Andrew J.	Woodbury	MN	US	
Biegler, Robert M.	Woodbury	MN	US	
Liu, Yaoqi J.	Maplewood	MN	US	

US-CL-CURRENT: 425/133.5; 425/378.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 18. Document ID: US 20010019182 A1

L10: Entry 18 of 42

File: PGPB

Sep 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010019182  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010019182 A1

TITLE: Method for making copen/pmma multilayer optical films

PUBLICATION-DATE: September 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hebrink, Timothy J.	Oakdale	MN	US	
Liu, Yaoqi J.	Maplewood	MN	US	
Merrill, William Ward	White Bear Lake	MN	US	
Nerad, Bruce A.	Oakdale	MN	US	
Wheatley, John A.	Lake Elmo	MN	US	

US-CL-CURRENT: 264/1.6; 264/1.7, 264/173.14, 264/173.19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw D
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☐ 19. Document ID: US 20010013668 A1

L10: Entry 19 of 42

File: PGPB

Aug 16, 2001

PGPUB-DOCUMENT-NUMBER: 20010013668  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010013668 A1

TITLE: Method for making multilayer optical films

PUBLICATION-DATE: August 16, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Neavin, Terence D.	St. Paul	MN	US	
Ouderkirk, Andrew J.	Woodbury	MN	US	
Liu, Yaoqi J.	Maplewood	MN	US	

US-CL-CURRENT: 264/1.7; 264/173.16, 425/131.1, 425/378.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw D
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☐ 20. Document ID: US 20010011779 A1

L10: Entry 20 of 42

File: PGPB

Aug 9, 2001

PGPUB-DOCUMENT-NUMBER: 20010011779  
PGPUB-FILING-TYPE: new



DOCUMENT-IDENTIFIER: US 20010011779 A1

TITLE: Method for making textured multilayer optical films

PUBLICATION-DATE: August 9, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stover, Carl A.	St. Paul	MN	US	

US-CL-CURRENT: 264/1.7; 264/167, 264/173.16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 21. Document ID: US 6783349 B2

L10: Entry 21 of 42

File: USPT

Aug 31, 2004

US-PAT-NO: 6783349

DOCUMENT-IDENTIFIER: US 6783349 B2

TITLE: Apparatus for making multilayer optical films

DATE-ISSUED: August 31, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Neavin; Terence D.	St. Paul	MN		
Ouderkirk; Andrew J.	Woodbury	MN		
Biegler; Robert M.	Woodbury	MN		
Liu; Yaoqi J.	Maplewood	MN		

US-CL-CURRENT: 425/133.5; 425/190, 425/379.1, 425/462

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 22. Document ID: US 6730397 B2

L10: Entry 22 of 42

File: USPT

May 4, 2004

US-PAT-NO: 6730397

DOCUMENT-IDENTIFIER: US 6730397 B2

TITLE: Silicone pressure sensitive adhesives, articles and methods

DATE-ISSUED: May 4, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Melancon; Kurt C.	White Bear Lake	MN		

Kremer; Anthony M.	Woodbury	MN
Sherman; Audrey A.	St. Paul	MN
Zhou; Zhiming	Woodbury	MN
Tumey; Michael L.	St. Paul	MN
Lunsford; Duane A.	Stacy	MN

US-CL-CURRENT: [428/355R](#); [428/355CN](#), [428/447](#), [428/448](#), [525/477](#), [528/38](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 23. Document ID: US 6531230 B1

L10: Entry 23 of 42

File: USPT

Mar 11, 2003

US-PAT-NO: 6531230

DOCUMENT-IDENTIFIER: US 6531230 B1

**\*\* See image for Certificate of Correction \*\***TITLE: Color shifting film

DATE-ISSUED: March 11, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Weber; Michael F.	Shoreview	MN		
Nevitt; Timothy J.	Red Wing	MN		
Merrill; William W.	White Bear Lake	MN		
Roscoe; Kelly M.	Orono	MN		
Ouderkirk; Andrew J.	Woodbury	MN		
Wheatley; John A.	Lake Elmo	MN		
Hanson; Gary B.	Hudson	WI		
Jonza; James M.	Woodbury	MN		
Boettcher; Jeffrey A.	Falcon Heights	MN		
Liu; Yaoqi J.	Maplewood	MN		
Neavin; Terence D.	St. Paul	MN		

US-CL-CURRENT: [428/480](#); [428/357](#), [428/577](#), [428/580](#), [428/584](#), [428/589](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 24. Document ID: US 6503620 B1

L10: Entry 24 of 42

File: USPT

Jan 7, 2003

US-PAT-NO: 6503620

DOCUMENT-IDENTIFIER: US 6503620 B1

TITLE: Multilayer composite PSA constructions

DATE-ISSUED: January 7, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Xie; Li	Painesville	OH		
Ercillo; Jesse C.	Corina	CA		
Sasaki; Yukihiko	Claremont	CA		
Min; Kyung W.	Mentor	OH		
Ko; Chan U.	Arcadia	CA		

US-CL-CURRENT: 428/354; 427/208.4, 427/208.8, 428/323, 428/355AC, 428/355BL,  
428/40.1, 428/41.9

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 25. Document ID: US 6134892 A

L10: Entry 25 of 42

File: USPT

Oct 24, 2000

US-PAT-NO: 6134892

DOCUMENT-IDENTIFIER: US 6134892 A

TITLE: Cooled electrical system for use downhole

DATE-ISSUED: October 24, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Turner; William Evans	Durham	CT		
Seppa; Ronald	Marlborough	CT		
Turner; William Edward	Hershey	PA		
Sallwasser; Alan J.	Houston	TX		

US-CL-CURRENT: 62/3.2; 166/66, 62/259.2, 62/3.7

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 26. Document ID: US 6127073 A

L10: Entry 26 of 42

File: USPT

Oct 3, 2000

US-PAT-NO: 6127073

DOCUMENT-IDENTIFIER: US 6127073 A

TITLE: Method for concealing information and document for securely communicating  
concealed information

DATE-ISSUED: October 3, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nohr; Ronald Sinclair	Alpharetta	GA		
MacDonald; John Gavin	Decatur	GA		
Lindsay; Jeffrey Dean	Appleton	WI		

US-CL-CURRENT: 430/19; 283/85, 283/901, 283/903, 427/145, 427/160, 427/553, 430/339

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 27. Document ID: US 6120949 A

L10: Entry 27 of 42

File: USPT

Sep 19, 2000

US-PAT-NO: 6120949

DOCUMENT-IDENTIFIER: US 6120949 A

TITLE: Photoerasable paint and method for using photoerasable paint

DATE-ISSUED: September 19, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nohr; Ronald Sinclair	Alpharetta	GA		
MacDonald; John Gavin	Decatur	GA		
Lindsay; Jeffrey Dean	Appleton	WI		

US-CL-CURRENT: 430/19; 106/31.01, 106/31.03, 106/31.05, 427/160, 427/553, 430/339

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 28. Document ID: US 6066439 A

L10: Entry 28 of 42

File: USPT

May 23, 2000

US-PAT-NO: 6066439

DOCUMENT-IDENTIFIER: US 6066439 A

TITLE: Instrument for photoerasable marking

DATE-ISSUED: May 23, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nohr; Ronald Sinclair	Alpharetta	GA		
MacDonald; John Gavin	Decatur	GA		
Lindsay; Jeffrey Dean	Appleton	WI		

US-CL-CURRENT: 430/347; 106/31.32, 106/31.64, 401/198, 401/208, 401/99, 430/339

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 29. Document ID: US 6060223 A

L10: Entry 29 of 42

File: USPT

May 9, 2000

US-PAT-NO: 6060223

DOCUMENT-IDENTIFIER: US 6060223 A

TITLE: Plastic article for colored printing and method for printing on a colored plastic article

DATE-ISSUED: May 9, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nohr; Ronald Sinclair	Alpharetta	GA		
MacDonald; John Gavin	Decatur	GA		
Lindsay; Jeffrey Dean	Appleton	WI		

US-CL-CURRENT: 430/334; 428/35.7, 430/339

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 30. Document ID: US 6054256 A

L10: Entry 30 of 42

File: USPT

Apr 25, 2000

US-PAT-NO: 6054256

DOCUMENT-IDENTIFIER: US 6054256 A

TITLE: Method and apparatus for indicating ultraviolet light exposure

DATE-ISSUED: April 25, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nohr; Ronald Sinclair	Alpharetta	GA		
MacDonald; John Gavin	Decatur	GA		
Lindsay; Jeffrey Dean	Appleton	WI		

US-CL-CURRENT: 430/339; 250/473.1, 250/474.1, 430/332, 430/338

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 31. Document ID: US 6017661 A

L10: Entry 31 of 42

File: USPT

Jan 25, 2000

US-PAT-NO: 6017661  
DOCUMENT-IDENTIFIER: US 6017661 A

TITLE: Temporary marking using photoerasable colorants

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lindsay; Jeffrey Dean	Appleton	WI		
MacDonald; John Gavin	Decatur	GA		
Nohr; Ronald Sinclair	Roswell	GA		

US-CL-CURRENT: 430/19; 106/31.01, 106/31.32, 430/339

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUMC	Draw D
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☐ 32. Document ID: US 5931000 A

L10: Entry 32 of 42

File: USPT

Aug 3, 1999

US-PAT-NO: 5931000  
DOCUMENT-IDENTIFIER: US 5931000 A  
**\*\* See image for Certificate of Correction \*\***

TITLE: Cooled electrical system for use downhole

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Turner; William Evans	Bethlehem	PA	18015	
Seppa; Ronald	Hellertown	PA	18055	
Turner; William Edward	Hershey	PA	17033	

US-CL-CURRENT: 62/3.2; 166/66, 62/259.2, 62/3.7

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	NUMC	Draw D
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☐ 33. Document ID: US 5922018 A

L10: Entry 33 of 42

File: USPT

Jul 13, 1999

US-PAT-NO: 5922018  
DOCUMENT-IDENTIFIER: US 5922018 A

TITLE: Method for using a transrectal probe to mechanically image the prostate gland

DATE-ISSUED: July 13, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sarvazyan; Armen P.	East Brunswick	NJ		

US-CL-CURRENT: 600/587

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 34. Document ID: US 5836894 A

L10: Entry 34 of 42

File: USPT

Nov 17, 1998

US-PAT-NO: 5836894

DOCUMENT-IDENTIFIER: US 5836894 A

TITLE: Apparatus for measuring mechanical parameters of the prostate and for imaging the prostate using such parameters

DATE-ISSUED: November 17, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sarvazyan; Armen P.	E. Brunswick	NJ		

US-CL-CURRENT: 600/587; 600/561

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 35. Document ID: US 5764059 A

L10: Entry 35 of 42

File: USPT

Jun 9, 1998

US-PAT-NO: 5764059

DOCUMENT-IDENTIFIER: US 5764059 A

TITLE: Acoustic screen

DATE-ISSUED: June 9, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mansfield; Peter	Bramcote			GB2
Bowtell; Richard William	Nottingham			GB2
Chapman; Barry Leonard Walter	Stapleford			GB2
Glover; Paul Martin	Chilwell			GB2

US-CL-CURRENT: 324/318; 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 36. Document ID: US 5256969 A

L10: Entry 36 of 42

File: USPT

Oct 26, 1993

US-PAT-NO: 5256969

DOCUMENT-IDENTIFIER: US 5256969 A

TITLE: Gradient magnetic field coil for magnetic resonance imaging system

DATE-ISSUED: October 26, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyajima; Goh	Katsuta			JP
Igarashi; Yoshiki	Katsuta			JP

US-CL-CURRENT: 324/318; 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw De
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☐ 37. Document ID: US 5255518 A

L10: Entry 37 of 42

File: USPT

Oct 26, 1993

US-PAT-NO: 5255518

DOCUMENT-IDENTIFIER: US 5255518 A

TITLE: Reversible mechanochemical engines comprised of bioelastomers capable of modulable inverse temperature transitions for the interconversion of chemical and mechanical work

DATE-ISSUED: October 26, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Urry; Dan W.	Birmingham	AL		

US-CL-CURRENT: 60/527; 60/721

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw De
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☐ 38. Document ID: US 5227426 A

L10: Entry 38 of 42

File: USPT

Jul 13, 1993

US-PAT-NO: 5227426

DOCUMENT-IDENTIFIER: US 5227426 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Adhesives based on elastomeric copolymers having theromplastic polymer



grafts

DATE-ISSUED: July 13, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tse; Man-Fu	Seabrook	TX		
Dias; Anthony J.	Houston	TX		
Tancrede; Jean M.	Baton Rouge	LA		
McElrath; Kenneth O.	Waterloo			BE

US-CL-CURRENT: 524/534; 524/575, 524/578, 524/580

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 39. Document ID: US 5085055 A

L10: Entry 39 of 42

File: USPT

Feb 4, 1992

US-PAT-NO: 5085055

DOCUMENT-IDENTIFIER: US 5085055 A

TITLE: Reversible mechanochemical engines comprised of bioelastomers capable of modulable inverse temperature transitions for the interconversion of chemical and mechanical work

DATE-ISSUED: February 4, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Urry; Dan W.	Birmingham	AL		

US-CL-CURRENT: 60/527

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 40. Document ID: US 5064430 A

L10: Entry 40 of 42

File: USPT

Nov 12, 1991

US-PAT-NO: 5064430

DOCUMENT-IDENTIFIER: US 5064430 A

TITLE: Polynona peptide bioelastomers having an increased elastic modulus

DATE-ISSUED: November 12, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Urry; Dan W.	Birmingham	AL		

US-CL-CURRENT: 623/1.48; 530/328, 530/330

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 41. Document ID: US 5032271 A

L10: Entry 41 of 42

File: USPT

Jul 16, 1991

US-PAT-NO: 5032271

DOCUMENT-IDENTIFIER: US 5032271 A

TITLE: Reversible mechanochemical engines comprised of bioelastomers capable of modulable inverse temperature transitions for the interconversion of chemical and mechanical work

DATE-ISSUED: July 16, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Urry; Dan W.	Birmingham	AL		

US-CL-CURRENT: 210/350; 210/356, 60/673

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 42. Document ID: US 4954781 A

L10: Entry 42 of 42

File: USPT

Sep 4, 1990

US-PAT-NO: 4954781

DOCUMENT-IDENTIFIER: US 4954781 A

TITLE: Nuclear magnetic resonance imaging apparatus with reduced acoustic noise

DATE-ISSUED: September 4, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirata; Haruhiko	Yokohama			JP

US-CL-CURRENT: 324/318; 324/300, 335/219

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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BORE	765579
BORES	255484
CYLINDRICAL\$2	0
CYLINDRICAL	1791365
CYLINDRICALA	5
CYLINDRICALAC	1
CYLINDRICALAL	2
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☐ 1. Document ID: US 20030088172 A1

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L12: Entry 1 of 5

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030088172  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030088172 A1

TITLE: Magnetic resonance tomography apparatus with damping of mechanical vibrations by the use of material with electrostrictive properties

PUBLICATION-DATE: May 8, 2003

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kuth, Rainer	Herzogenaurach		DE	

US-CL-CURRENT: 600/407

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMK	Draw D
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☐ 2. Document ID: US 20030025582 A1

L12: Entry 2 of 5

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030025582  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030025582 A1

TITLE: Magnetic resonance tomography apparatus having damping laminated sheets for reducing vibrations

PUBLICATION-DATE: February 6, 2003

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Arz, Winfried	Erlangen		DE	
Boemmel, Franz	Erlangen		DE	
Dietz, Peter	Nuernberg		DE	
Weber, Matthias	Fuerth		DE	

US-CL-CURRENT: 335/296

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 5764059 A

L12: Entry 3 of 5

File: USPT

Jun 9, 1998

US-PAT-NO: 5764059

DOCUMENT-IDENTIFIER: US 5764059 A

TITLE: Acoustic screen

DATE-ISSUED: June 9, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mansfield; Peter	Bramcote			GB2
Bowtell; Richard William	Nottingham			GB2
Chapman; Barry Leonard Walter	Stapleford			GB2
Glover; Paul Martin	Chilwell			GB2

US-CL-CURRENT: 324/318; 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 5256969 A

L12: Entry 4 of 5

File: USPT

Oct 26, 1993

US-PAT-NO: 5256969

DOCUMENT-IDENTIFIER: US 5256969 A

TITLE: Gradient magnetic field coil for magnetic resonance imaging system

DATE-ISSUED: October 26, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyajima; Goh	Katsuta			JP
Igarashi; Yoshiki	Katsuta			JP

US-CL-CURRENT: 324/318; 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 4954781 A

L12: Entry 5 of 5

File: USPT

Sep 4, 1990

US-PAT-NO: 4954781

DOCUMENT-IDENTIFIER: US 4954781 A

TITLE: Nuclear magnetic resonance imaging apparatus with reduced acoustic noise

DATE-ISSUED: September 4, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirata; Haruhiko	Yokohama			JP

US-CL-CURRENT: 324/318; 324/300, 335/219

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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Term	Documents
GRADIENT	254994
GRADIENTS	62668
COIL	1191627
COILS	394852
(10 AND (GRADIENT WITH COIL)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5
(L10 AND (GRADIENT WITH COIL)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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